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**VITAL**  
*The image of understanding*

<b>Products</b>	
OVERVIEW	VSCORE™
VITREA® 2	
VSCORE™	Many people may be at risk for heart attack and yet they lack symptoms to justify the expense or risk of an invasive exam to evaluate their cardiac health. VScore™ provides an alternative. VScore is an optional feature of Vitrea® 2 that quantifies the calcium in the four major coronary arteries. The use of VScore is non-invasive, comfortable for the patient, and doesn't require the use of contrast agents.
CT BRAIN PERFUSION	
AUTOMATED VESSEL MEASUREMENTS	VScore for Coronary Artery Calcium Scoring (CACS) VScore is our CACS option that allows for non-invasive screening of cardiac health. It is a multi-vendor compatible option of the Vitrea 2 system that can be used with EBCT scanners, as well as fast CT scanners with coronary artery scanning applications. To assure accuracy and reliability, VScore uses a standardized algorithm that's accepted throughout the health care industry.1 Calcium scoring can be calculated using either of two methods — Agatston Scoring or Continuous Scoring, depending on how VScore is configured. Both methods can calculate the score of the slices that were acquired or calculate the score of interpolated slices as well.
CT COLONOGRAPHY	
CT CARDIAC	
DICOM CONFORMANCE	VScore with AutoGate™ VScore with AutoGate, an option to Vitrea 2, is breakthrough software that allows customers to create high quality cardiac images using existing helical CT scanners without the use of EKG recording devices. The option automatically selects the images of the heart least affected by cardiac motion, without an EKG signal. Eliminating the EKG requirement decreases patient preparation time and improves patient comfort, while reducing hardware and imaging center costs.  VScore with EKG GATE™ VScore with EKG Gate, an option to Vitrea 2, is designed to match cardiac CT images with the corresponding EKG signal. This allows the physician to select the images that were acquired when the heart was still. The physician can then view the images with least motion distortion, which can improve scoring accuracy. EKG Gate is specifically designed for image data from GE helical CT scanners.

1.Fiorino AS: Electron-Beam Computed Tomography, Coronary Artery Calcium, and Evaluation of Patients with Coronary Artery Disease, Ann Intern Med. 128: pp. 839-847, 1998

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